

REMARKS

The claims have been amended to better define the claimed invention and better distinguish the claimed invention from the prior art. Claim 7 also has been amended to address the 112 rejections. No new matter has been entered by any of the foregoing amendments. Support for all the claims can be found in the original application or specification.

Turning to the art rejections, and considering first the rejection of claims 1, 3, 4, 6, 9, 16, 17 and 20 under 35 USC §102(e) as being anticipated by US Patent No. 6,462,405 to Lai et al., claim 3 has been cancelled. As to the remaining claims, amended claim 1 requires, in part, "the stiffener being adhered to the mounting substrate with a first adhesive." Lai teaches that a heat sink is mounted on a substrate without an adhesive and that encapsulation, rather than adhesion, is used to fix a support member (labeled 341 in Fig. 1) of the heat sink. Accordingly, Lai et al. fails to teach every limitation required by claim 1, and thus cannot be said to anticipate claim 1, or any of the claims which depend thereon.

The rejection of claims 7-9 under 35 USC §103(a) as being unpatentable over US Patent No. 6,410,988 to Caletka et al. also is in error. Amended claim 7 requires, in part, "the stiffener being made of a different material from the second resin." The Examiner alleges that an outer portion of the body (26) and an inner portion of the body (26) in Caletka et al. are regarded as the stiffener and the second resin respectively, of the present invention. However, according to Caletka et al., the inner portion of the body and the outer portion of the body are made of the same material. Therefore, there is neither teaching nor suggestion anywhere in Caletka et al. that the stiffener is made of a different material from the second resin.

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

Furthermore, as noted by the Examiner, Caletka et al. teaches the first resin is smaller in a thermal expansion coefficient than the second resin. Claim 7 requires the opposite, namely – “the second resin being smaller in a thermal expansion coefficient than the first resin.” Thus, claim 7 and claim 8 which depends thereon, and claim 9 which depend on claim 1 cannot be said to be anticipated or obvious from Caletka et al.

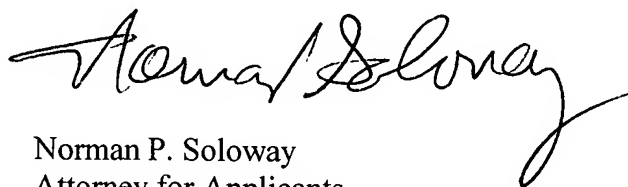
The indicated allowability, over the art, of claim 5 is noted with thanks. However, in view of the foregoing amendments and comments, it is believed that all of the claims are allowable over the art.

Having dealt with all the objections raised by the Examiner, the Application is believed to be in order for allowance. Early and favorable action is respectfully requested.

Form PTO-2038 authorizing credit card payment in the amount of \$930.00 to cover the cost of the Request for Continued Examination (RCE) and Petition for One Month Extension of Time accompanies this Amendment.

In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account Number 08-1391.

Respectfully submitted,



Norman P. Soloway
Attorney for Applicants
Reg. No. 24,315

Customer No. 27,667

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

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By

Patricia Sorensen

NPS/jec:ps

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567